



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET**CONFIRMATION NO. 4170**


Bib Data Sheet


SERIAL NUMBER 10/611,869	FILING DATE 07/03/2003 RULE	CLASS 332	GROUP ART UNIT 2817	ATTORNEY DOCKET NO. 2003_0924
-----------------------------	---------------------------------------	--------------	------------------------	-------------------------------------

APPLICANTS

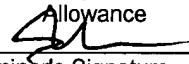
Hirotooshi Takahashi, Tokyo, JAPAN;

Kazuo Akaike, Tokyo, JAPAN;

**** CONTINUING DATA *******
 This application is a DIV of 10/036,428 01/07/2002 PAT 6,747,524


**** FOREIGN APPLICATIONS *******
 JAPAN 2001-194862 06/27/2001


IF REQUIRED, FOREIGN FILING LICENSE
 GRANTED
**** 09/26/2003**

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY JAPAN	SHEETS DRAWING 6	TOTAL CLAIMS 8	INDEPENDENT CLAIMS 2
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged  Examiner's Signature Initials				

ADDRESS
 000513
 WENDEROTH, LIND & PONACK, L.L.P.
 2033 K STREET N. W.
 SUITE 800
 WASHINGTON , DC
 20006-1021

TITLE
 Modulator and demodulator

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT	<input type="checkbox"/> All Fees
------------	--	-----------------------------------

RECEIVED 750	No. _____ for following:	<input type="checkbox"/> 1.16 Fees (Filing)
		<input type="checkbox"/> 1.17 Fees (Processing Ext. of time)
		<input type="checkbox"/> 1.18 Fees (Issue)
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit